

The Beams and Applications Seminar Series

Photocathode Studies for the AWA RF Photoinjector

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Bldg. 401, Rm. B2100
Friday, March 16, 1:30 pm
Host: Yong-Chul Chae, ASD

Abstract: Photocathode studies and development for the Argonne Wakefield Accelerator are presented. Three different areas will be discussed: (i) the quest for high quantum efficiency photocathode; (ii) the possibility of generating electron beam with low intrinsic/thermal emittance out of the photoinjector; and (iii) the ability to realistically determine, in-situ, the field-enhancement factor on the cathode's surface .

For more information visit

http://www.aps.anl.gov/News/Meetings/Beams_and_Applications_Seminars/

Visitors from off-site please contact Jude Kitching
(kitching@aps.anl.gov, 630-252-6159) to arrange for a gate pass.